

#### **COMSAT Advisory Board (CAB)**

# GCSB Update 22 April 2010

The Overall Classification of this briefing is: S E C R E T COMINT REL TO USA, FVEY



### **Topics**



Economic Climate

Court Decision



IS Virtualisation Visit

IRONSAND Way-ahead

GNF Meeting



#### **Economic Climate**



Budget challenges

o Fallout



## Radome Incident – 30 Apr 08

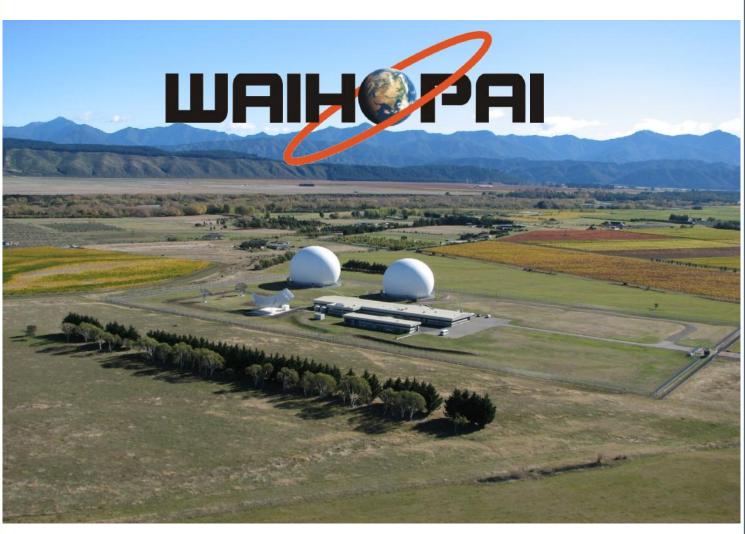






# IRONSAND – Today







#### **Court Decision**



Ploughshares activists

Jury verdict

Consequences



#### SV and SSA



- o SV
  - VA causes some tasking issues version
  - SB
    - o Impressed with v4b GUI and capabilities
    - One issue relating to tasking multiple C7 carriers – LMAL investigating
  - SF central repository for new QRC scripts?
  - Lopers awaiting I-Gate specific update

- Since I RONSAND Mission Transition
  - Virtualiation has delivered significant improvement in the operational availability of the SV sub-systems



#### **STATISTICS**

for February 2010



#### **Availability**

Statistics are used to gauge operational performance. Part of this effort is to determine system availability

Based upon available minutes per month verses outage minutes

System / Item	% Available
CALIX	100.0
COMMONGROUND	100.0
Comms/Forwarding	100.0
Demodulators - COTS	100.0
Down Converters - COTS	100.0
DUALTIRE	100.0
FLUTE	100.0
FRESNELEFFECT	100.0
JACKHAMMER	100.0
JUGGERNAUT	100.0
KILOMISER	100.0
KRAUSS	100.0
LATENTHEAT	100.0
LEGALREPTILE	100.0
LOPERS D1	100.0
LOPERS M1	100.0
MOONSCAPE	100.0
SEMITONE	100.0
SSA	100.0
STONEGATE	100.0
SURFBOARD	100.0
VENUSAFFECT	100.0
VINEYARD	100.0
VINTAGE	100.0
WEALTHYCLUSTER	99.9

System
downtime
51mins
over the
month
of Feb



#### **STATISTICS**

for March 2010



#### **Availability**

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CALIX	100.0
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JACKHAMMER	100.0
JUGGERNAUT	100.0
KILOMISER	100.0
KRAUSS	100.0
LATENTHEAT	100.0
LEGALREPTILE	100.0
LOPERS D1	99.9 *
LOPERS M1	100.0
MOONSCAPE	100.0
SEMITONE	100.0
SSA	99.4
STONEGATE	100.0
SURFBOARD	99.4 *
VENUSAFFECT	100.0
VINEYARD	100.0
VINTAGE	100.0
WEALTHYCLUSTER	99.8 *

System downtime 265mins over the month of March

\* = outage due to SSA fault



#### **IS Virtualisation Visit**



#### o FORNSAT

 Approved and funded IS virtualisation experts visit to NSA and LM, 22-26
 Feb 10

#### VQUEST Initiative

The way forward for SHAREDQUEST



#### **IRONSAND** Way-ahead



 TORUS now enabling an increase of COMSAT/FORNSAT collection

MHS Technical Exchange

- to visit IS, 26-30 April 2010
- To brief IS on the MHS 'Collect It All' initiative
- To investigate IS virtualisation and Data Centre concept

Procurement of FH2 initiated



#### **GNF**



o Next meeting 18-20 May 2010

o To be hosted at IRONSAND







# QUESTIONS?

